PROJECT DESCRIPTION  GENERAL	EQUIPMENT LIST "B"  B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR	PHASE CHART
THIS PORTION OF THE PROJECT INVOLVES THE RECONSTRUCTION OF THE EXISTING TRAFFIC SIGNAL POLE IN THE SOUTHEAST OUADRANT OF THE INTERSECTION OF MD 108 AND GREAT STAR DRIVE IN HOWARD COUNTY, IT INVOLVES THE INSTALLATION OF A NEW POLE AND MAST ARM, COUNTDOWN PEDSTRIAN SIGNAL, SIGNS, TRAFFIC SIGNAL HEADS AND DETECTORS, MD 108 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.  INTERSECTION OPERATION  THE INTERSECTION WILL OPERATE IN A NEMA SIX PHASE FULL—TRAFFIC—ACTUATED MODE WITH MD 108 APPROACHES OPERATING CONCURRENTLY WHILE GREAT STAR DRIVE AND THE DRIVEWAY TO/FROM KENDALL HARDWARE STORE WILL OPERATE IN A SPLIT PHASE MODE.  CONTROLLER REQUIREMENTS  THE EXISTING BASE MOUNTED CABINET AND CONTROLER SHALL BE USED. VIDEO DETECTION EQUIPMENT TO BE INSTALLED BY SHA FORCES.  PROJECT CONTACTS  THE CONTACT PERSON FOR SHA DISTRICT *7 ARE AS FOLLOWS:  MR. JOHN CONCANNON ASSISTANT DISTRICT ENGINEER — UTILITY (301) 624–8140  MS. ANDREA ABEND DISTRICT ENGINEER — UTILITY (301) 624–8115  MR. EDWARD RODENHIZER CHIEF, TRAFFIC OPERATIONS DIVISION (410) 787–7650  THE POWER COMPANY REPRESENTATIVE IS:  BALTIMORE GAS ELECTRIC COMPANY MR. KIETH MAXIE 7317 PARKWAY DRIVE SOUTH HANOVER. MD 21076 (410) 859–9070	CATEGORY CODE_NO.   QUANTITY   UNIT   DESCRIPTION	Phase 1 & 5
EQUIPMENT LIST "A"  A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION  CATEGORY QUANTITY UNIT DESCRIPTION  900000 6.3 SF SHEET ALUMINUM GROUND MOUNTED SIGN CONSISTS OF:  I- EA R3-7SIGN (30'x 30')	831010 I EA 250 WATT HIGH PRESS SOD LAMP & LUM W/PHOTO CELL 837001 I EA GROUND ROD ¾ IN. DIA. X 10 FT. LENGTH 860292 I EA CUT CLEAN GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE 861105 443 LF ELECTRICAL CABLE - 2 CONDUCTOR NO. 14 AWG 861107 753 EA ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG.) 861108 1039 EA ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG.) 861116 197 LF ELECTRICAL CABLE - 2 CONDUCTOR NO. 12 AWG TRAY CABLE 865001 2 EA PUSHBUTTON AND SIGN 866104 I EA 20 FT. LIGHTING ARM ON SIGNAL STRUCTURE	WIRING KEY
900000 74.2 SF SHEET ALUMINUM MAST ARM/POLE MOUNTED SIGN CONSIST OF:   - EA ROUTE MARKER ASSEMBLY (30'x5i")   - EA ROUTE MARKER ASSEMBLY (48'x75")   - 2 - D3-I (72'xI6")   - R3-5R (30'X36")   - R3-5L (30'X36")   - R3-6L (30'X36")	C. ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR.	A,B 2 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG.)  E,F,G,H, J,K,L,Z  C,D,M, N,X,Y  O 2 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG.)  P,R NON-INVASIVE MICRO-LOOP PROBE LEAD-IN  S STRANDED BARE COPPER GROUND WIRE (NO. 6 AWG)  T,U,V,W VIDEO CAMERA DETECTION CABLE
I/C WITH MD 108 & WIN KELLY — AUTO PARK DRIVEWAY	G U A B D K L	ML NON-INVASIVE MICRO-LOOP PROBE SET WITH 1000 FT LEAD- ES EXISTING SERVICE (UNDERGROUND)  * GROUND ROD 3/4IN DIA.  STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION  TRAFFIC SIGNAL PLAN MD 108 AT GREAT STAR DRIV
	P,R,S ** A,J,K,M, N,O,S,V  A,B,C,D,H,J,K,L, M,N,O,T,U,V,W, X,Y,Z ES ** M,N,O,R,S,V,W	DESIGNED BY K.J.S. COUNTY HOWARD  DRAWN BY K.J.S. LOGMILE 13010803.99  CHECKED BY T.A.R. T.I.M.S. NO. HI58  F.A.P. NO. TOD NO. TOD NO.